GOVERNMENT OF NEWFOUNDLAND AND LABRADOR

Highway Planning and Research
Department of Transportation & Communications
St. John's, Newfoundland

DEPARTMENT OF TRANSPORTATION

RESEARCH REPORT NO. 19

RESULTS SEAT BELT SURVEY

SEPT. 17, 1982

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SUMMARY

This month's Seat Belt Survey Report, Research Report No. 19, was conducted on September 17, 1982, which showed a Provincial Average wearing rate of 82.6%, which is down from last month's wearing rate of 84.8%. The percentage of child seats was 3.4% down from last month's 3.7%. A total of 1,889 vehicles were surveyed, which is also down from last month.

Since the last report public education programs continued, giving classroom lectures and slide/film presentations to hospitals and community organizations.

Table 1 indicates that of the 1,889 drivers surveyed on September 17 some 82.6% evidenced use of a shoulder harness. Younger drivers appear more serious about seat belt use.

In the urban area, Table 2, seat belt use if 79.4%. Female drivers appear more serious about seat belt use.

On the highway, Table 3, seat belt use is 92.1%. All drivers appear serious about seat belt use.

SPECIFIC SURVEYS

1. Foxtrap Access to Trans Canada Highway, 07:30 to 08:30, R. Pottle. The September survey, Table 4, indicates an increase in seat belt use of 95.2% from the August value of 78.4%. All drivers are serious about seat belt use.
2. Roaches Line Access to Trans Canada Highway, 07:00 to 08:00, G. Jerrett. The September survey, Table 5, indicates a decrease in seat belt use to 85.1% from the August value at 94.8%. Younger drivers are more serious about seat belt use.
3. Harbour Arterial Ramp to Water Street, 08:30 to 09:30, B. Hillier. Data shown on Table 6 reveal a September decline in seat belt use to 91.7% from the August value of 92.3% Seat Belt use is taken seriously by the majority of these surveyed.
4. Village Mall, 10:00 to 11:00, H. Skanes. The September survey, Table 7, indicates an increase in seat belt use to 86.7% from the August value of 89.1%. Female drivers are more serious about seat belt use.
5. Hotel Newfoundland, 08:30 to 09:30, D. Shea. The September survey, Table 8, indicates a decline in seat belt use to 83.8% from the August value of 87.1. Female drivers are more serious about seat belt use.
6. Avalon Mall, 12:00 to 13:00, H. Skanes. The September survey, Table 9, indicates a decrease in seat belt use to 77.7% from the August value of 86.7%. Young female drivers are more serious about seat belt use.

7. Atlantic Place, 08:30 to 09:30, H. Skanes. The September survey, Table 10, has decreased to 82.7% from an August seat belt wearing rate of 89.0%. Younger drivers and females are more serious about seat belt use.

8. Janeway Hospital, 14:00 to 15:00, H. Skanes. The September survey, Table 11, indicates a slight increase in seat belt use to 89.3% from the August value of 84.8%. Female drivers are more serious about seat belt use.

9. Bay Roberts Mall, 14:30 to 15:30, G. Jerrett. The September survey, Table 12, in this rural community indicates a dramatic decrease in seat belt use to 66.8% from the August value of 76.4%. This rate is lower than the average of the other locations shown in this report. The R.C.M.P. and our Provincial Safety people have been advised of the situation.

STATISTICAL TABLES

September 17, 1982

NOTE: Statistical Tables for previous months can be obtained upon request.

PROVINCIAL AVERAGE

Table 1
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	118	131	249
25-44	607	330	937
45-64	239	86	325
65+	43	6	49
TOTAL	1007	553	1560

#Child Seats = 64

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	28	13	41
25-44	129	59	188
45-64	71	22	93
65+	6	1	7
TOTAL	234	95	329

#Child Seats = 3

WEARING PERCENTAGE

	Male	Female	Total
16-24	80.8	91.0	85.9
25-44	82.5	84.8	83.3
45-64	77.1	79.6	77.8
65+	87.8	89.7	87.5
TOTAL	81.1	85.3	82.6

%Child Seats = 3.4%

URBAN AVERAGE

Table 2
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	53	69	122
25-44	418	261	679
45-64	198	82	280
65+	41	5	46
TOTAL	710	417	1127

#Child Seats = 23

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	24	11	35
25-44	109	55	164
45-64	64	22	86
65+	6	1	7
TOTAL	203	89	292

#Child Seats = 3

WEARING PERCENTAGE

	Male	Female	Total
16-24	68.8	86.3	77.7
25-44	79.3	82.6	80.5
45-64	75.6	78.8	76.5
65+	87.2	83.3	86.8
TOTAL	77.8	82.4	79.4

%Child Seats = 1.6%

HIGHWAY AVERAGE

Table 3
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	65	62	127
25-44	189	69	258
45-64	41	4	45
65+	2	1	3
TOTAL	297	136	433

#Child Seats = 41

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	4	2	6
25-44	20	4	24
45-64	7	-	7
65+	-	-	-
TOTAL	31	6	37

#Child Seats = 0

WEARING PERCENTAGE

	Male	Female	Total
16-24	94.2	96.9	95.5
25-44	90.4	95.5	91.5
45-64	85.4	100.0	86.5
65+	100.0	100.0	100.0
TOTAL	90.5	95.8	92.1

%Child Seats = 8.7%

FOXTRAP ACCESS TO TCH, 07:30 - 08:30

Table 4
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	29	20	49
25-44	106	34	140
45-64	6	4	10
65+	-	1	1
TOTAL	201	59	200

#Child Seats = 19

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	1	0	1
25-44	8	1	9
45-64	-	-	-
65+	-	-	-
TOTAL	9	1	10

#Child Seats = 0

WEARING PERCENTAGE

	Male	Female	Total
16-24	96.7	100.0	98.0
25-44	93.1	97.1	94.1
45-64	100.0	100.0	100.0
65+	-	100.0	100.0
TOTAL	95.7	98.3	95.2

%Child Seats = 9.1%

ROACHES LINE ACCESS TO TCH, 07:00 - 08:00

Table 5
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	8	7	15
25-44	30	6	36
45-64	27	-	27
65+	2	-	2
TOTAL	67	13	80

#Child Seats = 1

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	-	2	2
25-44	5	1	6
45-64	6	-	6
65+	-	-	-
TOTAL	11	3	14

#Child Seats = 0

WEARING PERCENTAGE

	Male	Female	Total
16-24	100.0	77.8	38.2
25-44	85.7	85.7	85.7
45-64	81.8	-	81.8
65+	100.0	-	100.0
TOTAL	85.9	81.3	85.1

%Child Seats = 1.1%

HARBOUR ARTERIAL RAMP TO WATER ST., 08:30-09:30

Table 6
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	28	35	63
25-44	53	19	72
45-64	8	-	8
65+	-	-	-
TOTAL	89	54	143

#Child Seats = 22

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	3	-	3
25-44	7	2	9
45-64	1	-	1
65+	-	-	-
TOTAL	11	2	13

#Child Seats = 0

WEARING PERCENTAGE

	Male	Female	Total
16-24	90.3	100.0	95.5
25-44	88.3	90.5	88.9
45-64	88.9	-	88.9
65+	-	-	-
TOTAL	89.0	96.4	91.7

%Child Seats = 14.1%

VILLAGE MALL, 14:15 - 15:15

Table 7
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	13	17	30
25-44	43	47	90
45-64	31	20	51
65+	9	2	11
TOTAL	96	86	182

#Child Seats = 2

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	5	1	6
25-44	9	6	15
45-64	1	4	5
65+	2	-	2
TOTAL	17	11	28

#Child Seats = 0

WEARING PERCENTAGE

	Male	Female	Total
16-24	72.2	94.4	83.3
25-44	82.7	88.7	85.7
45-64	96.9	83.3	91.1
65+	81.8	100.0	84.6
TOTAL	85.0	88.7	86.7

%Child Seats = 1.0%

HOTEL NEWFOUNDLAND, 08:30 - 09:30

Table 8
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	-	-	-
25-44	111	62	178
45-64	35	9	44
65+	-	-	-
TOTAL	146	71	217

#Child Seats = -

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	-	-	-
25-44	26	7	33
45-64	9	-	9
65+	-	-	-
TOTAL	25	7	42

#Child Seats = -

WEARING PERCENTAGE

	Male	Female	Total
16-24	-	-	-
25-44	81.0	89.9	84.0
45-64	79.5	100.0	83.0
65+	-	-	-
TOTAL	80.7	91.0	83.8

%Child Seats = -

AVALON MALL, 15:30 - 16:30

Table 9
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	22	21	43
25-44	83	58	141
45-64	48	23	71
65+	9	1	10
TOTAL	162	103	265

#Child Seats = 4

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	7	5	12
25-44	23	12	35
45-64	19	9	28
65+	-	1	1
TOTAL	49	27	76

#Child Seats = -

WEARING PERCENTAGE

	Male	Female	Total
16-24	75.9	80.8	78.2
25-44	78.3	82.9	80.1
45-64	71.6	71.9	71.7
65+	100.0	50.0	90.9
TOTAL	76.8	79.2	77.7

%Child Seats = 1.2%

ATLANTIC PLACE (PARKING GARAGE), 08:30 - 09:30

Table 10
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	3	11	14
25-44	78	36	114
45-64	17	3	20
65+	-	-	-
TOTAL	98	50	148

#Child Seats = 4

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	2	1	3
25-44	13	11	24
45-64	4	-	4
65+	-	-	-
TOTAL	19	12	31

#Child Seats = 1

WEARING PERCENTAGE

	Male	Female	Total
16-24	60.0	91.7	82.4
25-44	85.7	76.6	82.6
45-64	81.0	100.0	83.3
65+	-	-	-
TOTAL	83.8	80.6	82.7

%Child Seats = 2.2%

JANEWAY HOSPITAL, 11:20 - 12:20

Table 11
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	10	9	19
25-44	70	57	127
45-64	16	7	23
65+	4	1	5
TOTAL	100	74	174

#Child Seats = 11

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	4	-	4
25-44	18	6	24
45-64	2	-	2
65+	-	-	-
TOTAL	24	6	30

#Child Seats = 0

WEARING PERCENTAGE

	Male	Female	Total
16-24	71.4	100.0	82.6
25-44	79.5	90.5	84.1
45-64	88.9	100.0	92.0
65+	100.0	100.0	100.0
TOTAL	80.6	92.5	85.3

%Child Seats = 5.4%

BAY ROBERTS MALL, 11:00 - 12:00

Table 12
Sept. 17, 1982

SHOWING USE OF SHOULDER HARNESS

	Male	Female	Total
16-24	5	11	16
25-44	33	31	64
45-64	51	20	71
65+	19	1	20
TOTAL	108	63	171

#Child Seats = 2

NOT USING SHOULDER HARNESS

	Male	Female	Total
16-24	6	4	10
25-44	20	13	33
45-64	29	9	38
65+	4	-	4
TOTAL	59	26	85

#Child Seats = 2

WEARING PERCENTAGE

	Male	Female	Total
16-24	45.5	73.3	61.5
25-44	62.3	70.5	66.0
45-64	63.8	69.0	65.1
65+	82.6	100.0	83.3
TOTAL	64.7	70.8	66.8

%Child Seats = 0.8%

POOR

QUALITY

ORIGINAL